

PC-0050 US

<110> Lal, Preeti G.
Warren, Bridget A.

<120> TNF RECEPTOR 2 RELATED PROTEIN VARIANT

<130> PC-0050 US

<140> To Be Assigned

<141> Herewith

<160> 20

<170> PERL Program

<210> 1

<211> 399

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7497867CD1

<400> 1

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Gln	Ala	Val	Pro	Pro	Tyr	Ala	Ser	Glu	Asn	Gln	Thr	Cys	Arg	Asp	
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Gln	Glu	Lys	Glu	Tyr	Tyr	Glu	Pro	Gln	His	Arg	Ile	Cys	Cys	Ser	
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Arg	Cys	Pro	Pro	Gly	Thr	Tyr	Val	Ser	Ala	Lys	Cys	Ser	Arg	Ile	
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Arg	Asp	Thr	Val	Cys	Ala	Thr	Cys	Ala	Glu	Asn	Ser	Tyr	Asn	Glu	
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His	Trp	Asn	Tyr	Leu	Thr	Ile	Cys	Gln	Leu	Cys	Arg	Pro	Cys	Asp	
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Pro	Val	Met	Gly	Leu	Glu	Glu	Ile	Ala	Pro	Cys	Thr	Ser	Lys	Arg	
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Lys	Thr	Gln	Cys	Arg	Cys	Gln	Pro	Gly	Met	Phe	Cys	Ala	Ala	Trp	
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Ala	Leu	Glu	Cys	Thr	His	Cys	Glu	Leu	Leu	Ser	Asp	Cys	Pro	Pro	
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His	Cys	Val	Pro	Cys	Lys	Ala	Gly	His	Phe	Gln	Asn	Thr	Ser	Ser	
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Pro	Ser	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Asn	Gln	Gly	
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Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ala	Gln	Ser	Asp	Thr	Thr	Cys	
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Lys	Asn	Pro	Leu	Glu	Pro	Leu	Pro	Pro	Glu	Met	Ser	Gly	Ser	Leu	
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Leu	Lys	Arg	Arg	Pro	Gln	Gly	Glu	Gly	Pro	Asn	Pro	Val	Ala	Gly	
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Ser	Trp	Glu	Pro	Pro	Lys	Ala	His	Pro	Tyr	Phe	Pro	Asp	Leu	Val	
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Gln	Pro	Leu	Leu	Pro	Ile	Ser	Gly	Asp	Val	Ser	Pro	Val	Ser	Thr	
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Gly	Leu	Pro	Ala	Ala	Pro	Val	Leu	Glu	Ala	Gly	Val	Pro	Gln	Gln	
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Gln	Ser	Pro	Leu	Asp	Leu	Thr	Arg	Glu	Pro	Gln	Leu	Glu	Pro	Gly	
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TO/22/02/2020

Gly	Gly	Ser	Met	Thr	Ile	Thr	Gly	Asn	Ile	Tyr	Ile	Tyr	Asn	Gly
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Pro	Val	Leu	Gly	Gly	Pro	Pro	Gly	Pro	Gly	Asp	Leu	Pro	Ala	Thr
				335					340					345
Pro	Glu	Pro	Pro	Tyr	Pro	Ile	Pro	Glu	Glu	Gly	Asp	Pro	Gly	Pro
				350					355					360
Pro	Gly	Leu	Ser	Thr	Pro	His	Gln	Glu	Asp	Gly	Lys	Ala	Trp	His
				365					370					375
Leu	Ala	Glu	Thr	Glu	His	Cys	Gly	Ala	Thr	Pro	Ser	Asn	Arg	Gly
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 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7497867CB1

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 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 8113313H1

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 8235763H1

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<213> Homo sapiens

<220>
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tgctgcctgg gccctcgagt gtacacactg cgagctactt tctgactgcc cgcctggcac 180
tgaagccgag ctcaaagatg aagttgggaa gggtaaaca cactgcgtcc cctgcaaggc 240
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gtgatgggcc tcgaggagat tgccccctgc acaagcaaac ggaagaccca gtgccgctgc 360
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<213> Homo sapiens

<220>
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<223> Incyte ID No: 2105134H1

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<210> 7
<211> 651
<212> DNA
<213> Homo sapiens

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<220>

<221> misc_feature

<223> Incyte ID No: 7716364H1

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acatgaatgc catttggtacc gtggggccacc tggctctgct ccccggttc caactgcggc 180
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<211> 574

<212> DNA

<213> Homo sapiens

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cagccactgc taccatttcc tggagatgtt tccccagtat ccactgggct ccccgagcc 240
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<210> 9

<211> 425

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 7716340H1

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atgaatgccca ttggtaccgt gggccacctg gctctgctcc ccgggttcca actgcggctc 180
cctggtcagg tccagaggac tctgctgttg cggcacccct gcctccaaaa ctggggctgc 240
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gtcaggggaag tatggatggg ccttcggagg ctcccagctt ccagctacag gattgggtcc 360
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tggtat 425
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<210> 10

<211> 219

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 697459H1

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<220>
<221> unsure
<222> 76, 131
<223> a, t, c, g, or other

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ccctggccct nccgggctct ctacacccca ccaggaagat ggcaaggctt ggcacctagc 180
ggagacagag cactgtggtg ccacaccctc taacagggg 219

<210> 11
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3321983H1

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atggcaaggc ttggcaccta gcggagacag agcactgtgg tgccacaccc tctaacaggg 180
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<211> 862
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 8576918T1

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<210> 13
<211> 206
<212> DNA
<213> Rattus norvegicus

<220>
<221> misc_feature
<223> Incyte ID No: 700302531H1

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caatggggcca gtgctggggg gaacacgggg ccctggagac cctccagctc cccctgagcc 180

tccatacccg actcccgaag agggag

206

<210> 14

<211> 548

<212> DNA

<213> Rattus norvegicus

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<223> Incyte ID No: 702152066H1

<400> 14

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gagccagggc ctggtggagg cagcttcagg tacctcgtac tctgacacca tctgtaaaaa 480
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<210> 15

<211> 471

<212> DNA

<213> Rattus norvegicus

<220>

<221> misc_feature

<223> Incyte ID No: 702022948H1

<400> 15

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accagcgatc ggaaaccgga gtgcccgtgc aagccgggga tgtcctgcgt gtatttggac 180
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ggcctggtgg aggcagcttc aggtacctcg tactctgaca acatctgtaa aaatccaacc 420
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<210> 16

<211> 371

<212> DNA

<213> Canis familiaris

<220>

<221> misc_feature

<223> Incyte ID No: 702245091H1

<400> 16

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atggcattca cgtcaccggc gggctctgtga ctgtgactgg caacatctac atctacaatg 180
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<210> 17

<211> 618

<212> DNA

<213> Macaca fascicularis

<220>

<221> misc_feature

<223> Incyte ID No: 703193780J1

<400> 17

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ccatgtgaag tgtggaaccc caaaggcct ctgaagcttg gggataagca ccacgaatcc 240
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tgagctttcg tcccttaggg ctctgcctcc ccgggcctac tcaggccccc tgtgaatccc 540
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tcagacgccca tcagtcac 618

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<210> 18

<211> 536

<212> DNA

<213> Macaca fascicularis

<220>

<221> misc_feature

<223> Incyte ID No: 703678967J1

<400> 18

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aggaggggagg ggaaggagcg tcctccctat aatttcatcc tcatgcagggt tctacctcag 180
tccatgtgaa gtgtggaacc ccaaagggcc tctgaagctt ggggataagc accactaatc 240
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ggctgagcag cccagtggtg tgggcgggtc tgccaggagg cctcaggttt gctcaggcag 420
tagggagagt cctgtggagg gcacgtacc cagccagtgc ccacctgctc tcgggggtgt 480
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<210> 19

<211> 435

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: g339762

<400> 19

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Pro Leu Val Leu Gly Leu Phe Gly Leu Leu Ala Ala Ser Gln Pro
20 25 30
Gln Ala Val Pro Pro Tyr Ala Ser Glu Asn Gln Thr Cys Arg Asp
35 40 45
Gln Glu Lys Glu Tyr Tyr Glu Pro Gln His Arg Ile Cys Cys Ser
50 55 60
Arg Cys Pro Pro Gly Thr Tyr Val Ser Ala Lys Cys Ser Arg Ile
65 70 75
Arg Asp Thr Val Cys Ala Thr Cys Ala Glu Asn Ser Tyr Asn Glu
80 85 90
His Trp Asn Tyr Leu Thr Ile Cys Gln Leu Cys Arg Pro Cys Asp
95 100 105
Pro Val Met Gly Leu Glu Glu Ile Ala Pro Cys Thr Ser Lys Arg
110 115 120
Lys Thr Gln Cys Arg Cys Gln Pro Gly Met Phe Cys Ala Ala Trp
125 130 135
Ala Leu Glu Cys Thr His Cys Glu Leu Leu Ser Asp Cys Pro Pro
140 145 150

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Gly	Thr	Glu	Ala	Glu	Leu	Lys	Asp	Glu	Val	Gly	Lys	Gly	Asn	Asn
				155					160					165
His	Cys	Val	Pro	Cys	Lys	Ala	Gly	His	Phe	Gln	Asn	Thr	Ser	Ser
				170					175					180
Pro	Ser	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Asn	Gln	Gly
				185					190					195
Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ala	Gln	Ser	Asp	Thr	Thr	Cys
				200					205					210
Lys	Asn	Pro	Leu	Glu	Pro	Leu	Pro	Pro	Glu	Met	Ser	Gly	Thr	Met
				215					220					225
Leu	Met	Leu	Ala	Val	Leu	Leu	Pro	Leu	Ala	Phe	Phe	Leu	Leu	Leu
				230					235					240
Ala	Thr	Val	Phe	Ser	Cys	Ile	Trp	Lys	Ser	His	Pro	Ser	Leu	Cys
				245					250					255
Arg	Lys	Leu	Gly	Ser	Leu	Leu	Lys	Arg	Arg	Pro	Gln	Gly	Glu	Gly
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Pro	Asn	Pro	Val	Ala	Gly	Ser	Trp	Glu	Pro	Pro	Lys	Ala	His	Pro
				275					280					285
Tyr	Phe	Pro	Asp	Leu	Val	Gln	Pro	Leu	Leu	Pro	Ile	Ser	Gly	Asp
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Val	Ser	Pro	Val	Ser	Thr	Gly	Leu	Pro	Ala	Ala	Pro	Val	Leu	Glu
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Ala	Gly	Val	Pro	Gln	Gln	Gln	Ser	Pro	Leu	Asp	Leu	Thr	Arg	Glu
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Pro	Gln	Leu	Glu	Pro	Gly	Glu	Gln	Ser	Gln	Val	Ala	His	Gly	Thr
				335					340					345
Asn	Gly	Ile	His	Val	Thr	Gly	Gly	Ser	Met	Thr	Ile	Thr	Gly	Asn
				350					355					360
Ile	Tyr	Ile	Tyr	Asn	Gly	Pro	Val	Leu	Gly	Gly	Pro	Pro	Gly	Pro
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Gly	Asp	Leu	Pro	Ala	Thr	Pro	Glu	Pro	Pro	Tyr	Pro	Ile	Pro	Glu
				380					385					390
Glu	Gly	Asp	Pro	Gly	Pro	Pro	Gly	Leu	Ser	Thr	Pro	His	Gln	Glu
				395					400					405
Asp	Gly	Lys	Ala	Trp	His	Leu	Ala	Glu	Thr	Glu	His	Cys	Gly	Ala
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Pro	Leu	Leu	Leu	Gly	Leu	Ser	Gly	Leu	Leu	Val	Ala	Ser	Gln	Pro
				20					25					30
Gln	Leu	Val	Pro	Pro	Tyr	Arg	Ile	Glu	Asn	Gln	Thr	Cys	Trp	Asp
				35					40					45
Gln	Asp	Lys	Glu	Tyr	Tyr	Glu	Pro	Met	His	Asp	Val	Cys	Cys	Ser
				50					55					60
Arg	Cys	Pro	Pro	Gly	Glu	Phe	Val	Phe	Ala	Val	Cys	Ser	Arg	Ser
				65					70					75
Gln	Asp	Thr	Val	Cys	Lys	Thr	Cys	Pro	His	Asn	Ser	Tyr	Asn	Glu
				80					85					90
His	Trp	Asn	His	Leu	Ser	Thr	Cys	Gln	Leu	Cys	Arg	Pro	Cys	Asp
				95					100					105
Ile	Val	Leu	Gly	Phe	Glu	Glu	Val	Ala	Pro	Cys	Thr	Ser	Asp	Arg
				110					115					120

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Lys	Ala	Glu	Cys	Arg	Cys	Gln	Pro	Gly	Met	Ser	Cys	Val	Tyr	Leu	
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Asp	Asn	Glu	Cys	Val	His	Cys	Glu	Glu	Glu	Arg	Leu	Val	Leu	Cys	
				140					145					150	
Gln	Pro	Gly	Thr	Glu	Ala	Glu	Val	Thr	Asp	Glu	Ile	Met	Asp	Thr	
				155					160					165	
Asp	Val	Asn	Cys	Val	Pro	Cys	Lys	Pro	Gly	His	Phe	Gln	Asn	Thr	
				170					175					180	
Ser	Ser	Pro	Arg	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Ile	
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Gln	Gly	Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ser	Tyr	Ser	Asp	Thr	
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Ile	Cys	Lys	Asn	Pro	Pro	Glu	Pro	Gly	Ala	Met	Leu	Leu	Leu	Ala	
				215					220					225	
Ile	Leu	Leu	Ser	Leu	Val	Leu	Phe	Leu	Leu	Phe	Thr	Thr	Val	Leu	
				230					235					240	
Ala	Cys	Ala	Trp	Met	Arg	His	Pro	Ser	Leu	Cys	Arg	Lys	Leu	Gly	
				245					250					255	
Thr	Leu	Leu	Lys	Arg	His	Pro	Glu	Gly	Glu	Glu	Ser	Pro	Pro	Cys	
				260					265					270	
Pro	Ala	Pro	Arg	Ala	Asp	Pro	His	Phe	Pro	Asp	Leu	Ala	Glu	Pro	
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Leu	Leu	Pro	Met	Ser	Gly	Asp	Leu	Ser	Pro	Ser	Pro	Ala	Gly	Pro	
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Pro	Thr	Ala	Pro	Ser	Leu	Glu	Glu	Val	Val	Leu	Gln	Gln	Gln	Ser	
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Pro	Leu	Val	Gln	Ala	Arg	Glu	Leu	Glu	Ala	Glu	Pro	Gly	Glu	His	
				320					325					330	
Gly	Gln	Val	Ala	His	Gly	Ala	Asn	Gly	Ile	His	Val	Thr	Gly	Gly	
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Ser	Val	Thr	Val	Thr	Gly	Asn	Ile	Tyr	Ile	Tyr	Asn	Gly	Pro	Val	
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Leu	Gly	Gly	Thr	Arg	Gly	Pro	Gly	Asp	Pro	Pro	Ala	Pro	Pro	Glu	
				365					370					375	
Pro	Pro	Tyr	Pro	Thr	Pro	Glu	Glu	Gly	Ala	Pro	Gly	Pro	Ser	Glu	
				380					385					390	
Leu	Ser	Thr	Pro	Tyr	Gln	Glu	Asp	Gly	Lys	Ala	Trp	His	Leu	Ala	
				395					400					405	
Glu	Thr	Glu	Thr	Leu	Gly	Cys	Gln	Asp	Leu						
				410					415						

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